

IN THE SPECIFICATION

Please amend the specification as follows:

Replace the paragraph on page 3, between lines 24-31 of the specification with the following:

The object is achieved, according to ~~claim 1~~ one embodiment, by means of a projection system for image representation with a display, at least one lamp, and at least one sensor for generating a sensor signal for the detection and compensation of changes in the luminous flux provided by said at least one lamp, as well as with an optical component arranged in a light path between the lamp and the display, which optical component allows a first light component to pass through and reflects a second light component, such that one of said light components is directed at the display and the other light component is directed at the sensor arranged outside the light path.

Delete the paragraph on page 4, between lines 6-7 of the specification.

Replace the paragraph on page 4, between lines 8-14 of the specification with the following:

~~Claims 2 and 3 describe~~ Further embodiments include an optical component, such as a dichroic mirror, ~~that is to be used by preference, while the embodiment of claim 3 has the~~ providing an advantage that on the one hand a very high degree of reflection of more than 90% can be achieved, similar to metallic mirrors, but that on the other hand the remaining proportion of a few percents is not absorbed, unlike in metallic mirrors, but passes through the dichroic mirror and can be used for monitoring by the sensor. In this manner the illumination of the sensor does not lead to light losses in the projection system.

Replace the paragraph on page 4, between lines 15-17 of the specification with the following:

~~The Another embodiment of claim 4~~ projects a sharp image of the light field on the sensor, thus rendering possible an even more exact detection of the light quantity actually focused on the display.

Replace the paragraph on page 4, between lines 18-19 of the specification with the following:

The Yet another embodiment of claim 5 is capable of keeping any stray light components present in the system away from the sensor even more satisfactorily. A further embodiment includes a color projection system, for example.

Delete the paragraph on page 4, between lines 20-21 of the specification.